

# Office for Interoperability and Compatibility

# **Project 25 Compliance Assessment Bulletin**

Project 25

**Compliance Assessment Program** 

**Summary Test Report Requirements** 

# P25-CAB-STR\_REQ

October 2008

## Notice of Disclaimer and Limitation of Liability

The Project 25 Compliance Assessment Program (P25 CAP) provides equipment purchasers demonstrated evidence of a product's compliance with a select group of requirements within the suite of P25 standards. The test procedures used to validate these requirements are also part of the P25 suite of standards. While successful tests will demonstrate P25 compliance for the specific requirements tested, the conclusions drawn from these tests do not apply to every environment or need that individual users may have. P25 CAP-mandated tests only demonstrate product compliance with the test procedures listed in the Supplier's Declaration of Compliance and therefore, only attest to a product's compliance with specific requirements within the P25 Standard.

## **Revision History**

Version	Date	Description
First draft	August 29, 2008	Draft released for review.
Release	October 8, 2008	Final release version approved on October 8, 2008 P25 CAP GB
		meeting.

## P25-CAB-STR\_REQ – October 2008

## **Contents**

N	otice (	of Disclaimer and Limitation of Liability	ii
Re	evision	n History	ii
Co	onten	ts	. iii
Fi	gures		. iv
1	Intr	roduction	1
	1.1	Scope	1
	1.2	Conventions	2
	1.3	Normative References	2
	1.4	Informative References	2
2	Sun	nmary Test Report Information and Format Requirements	2
	2.1	STR File Format	2
	2.2	STR Naming Convention	2
	2.3	P25 CAP Letterhead, Title, Device, and Report Number	3
	2.4	Test Item Description	3
	2.5	Test Description	4
	2.6	Laboratory Information	4
	2.7	References	4
	2.8	Other Devices Tested	5
3	Tes	t Cases and Results Requirements	5
	3.1	Subscriber Units	6
	3.1	1.1 Performance	6
	3.1	1.2 Conformance	6
	3.1	1.3 Interoperability	7
	3.2	Base Stations/Repeaters	7
	3.2	2.1 Performance	7
	3.2	2.2 Conformance	7
	3.2	2.3 Interoperability	8
	3.3	Results Definitions and Comments	8
Αı	nnex A	A – Performance Summary Test Report Example	10
Αı	nnex E	B – Interoperability Summary Test Report Example	14

## P25-CAB-STR\_REQ – October 2008

# **Figures**

Figure 1 First Page P25 CAP Letterhead, Title, Device Under Test, and Report Number	3
Figure 2 P25 CAP Letterhead, Title, Device Under Test, and Report Number	3
Figure 3 Page Count	3
Figure 4 Test Item Description	
Figure 5 Test Description	4
Figure 6 Laboratory Information	
Figure 7 Informative References	4
Figure 8 Other Devices Tested	5
Figure 9 SU Conventional Performance Test Cases and Results Example	6
Figure 10 SU Trunked Interoperability Test Cases and Results Example	7
Figure 11 Test Case Result Definitions	
Figure 12 Test Case Result Comments	

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#### 1 Introduction

The Project 25 Compliance Assessment Program (P25 CAP) is a voluntary program that allows P25 equipment suppliers to formally demonstrate their products' compliance with a select group of requirements within the suite of P25 standards. The purpose of the program is to provide emergency response agencies with evidence that the communications equipment they are purchasing meet P25 standards for performance, conformance, and interoperability.

The program requires test laboratories to demonstrate their competence through a rigorous and objective assessment process. Such a process promotes the user community's confidence in, and acceptance of, test results from recognized laboratories. All equipment suppliers that participate in the P25 CAP must use recognized laboratories to conduct performance, conformance, and interoperability tests on their products. P25 equipment suppliers will release summary test reports and declarations of compliance based on testing from DHS recognized labs. This documentation will serve to increase the public's confidence in the performance, conformance, and interoperability of P25 equipment.

Performance, conformance, and interoperability issues are likely to occur in all communications technologies and especially in ones like P25 with protocols that constantly adapt to changing user requirements. Such problems should be resolved within the P25 CAP, and notably, before product launch and deployment. Further, the declaration of compliance-related documents developed by program participants will provide useful technical information about the equipment.

P25 CAP will provide the more than 60,000 emergency response agencies nationwide with a consistent and tractable perspective of P25 product compliance. It will also provide a means of verifying that Federal grant dollars are being invested in standardized solutions and equipment that promote interoperability.

#### 1.1 Scope

This Compliance Assessment Bulletin will identify uniform format requirements for use in preparation of Summary Test Report (STR) documents. These STR's are submitted to the Department of Homeland Security (DHS) Office of Interoperability and Compatibility (OIC) for review and posting.

#### 1.2 Conventions

Throughout this CAB and its annex, gray text is illustrative to represent variable content.

#### 1.3 Normative References

None.

#### 1.4 Informative References

- [1] NIST Handbook 153, 2007 Edition
- [2] Charter for the Project 25 Compliance Assessment Program, April 2008
- [3] TSB-102.XXXX, Project 25 Compliance Assessment Program Trunking Interoperability Summary Test Report Guidelines
- [4] TSB-102.XXXX, Project 25 Compliance Assessment Program Transceiver Performance Summary Test Report Guidelines
- [5] P25-CAB-TEST\_REQ August 2008

## 2 Summary Test Report Information and Format Requirements

This portion of the Compliance Assessment Bulletin describes each major element or section of the STR document in a separate subsection.

#### 2.1 STR File Format

All STR's submitted to DHS for review and posting will use Adobe Acrobat's Portable Document Format (.pdf).

#### 2.2 STR Naming Convention

In order to provide for easy document management and traceability, all STR's will use a common naming convention, detailed as follows:

STR-<Manufacturer Unique Identifier>-<Manufacturer STR Document #>

The Manufacturer Unique Identifier is selected by the manufacturer that is issuing the STR, and must be unique so as not be confused with another manufacturer's STR's. Additionally, the Manufacturer Document # is a number that is chosen by the manufacturer issuing the STR, and is unique to other STR's issued by that same manufacturer. Here is an example:

#### 2.3 P25 CAP Letterhead, Title, Device, and Report Number

The first page of the Summary Test Report begins with the P25 logo, about 1.5 inches wide, in the top left corner of the page. The P25 CAP label, followed by the Summary Test Report title, device under test, and report identification number, all appearing to the right of the P25 logo, each in a separate row. The first row to the right of the logo contains the P25 CAP label, under which the title Summary Test Report is given, under which the device under test is given, under which the report identification number is listed.

Figure 1 First Page P25 CAP Letterhead, Title, Device Under Test, and Report Number



# Project 25 Compliance Assessment Program Summary Test Report

Wokytoky Portable 25 STR-LMR-123456

Each page following the first page in the Summary Test Report carries the P25 CAP letterhead, title, device under test, and report identification number as a header. The P25 logo is proportionally smaller, as is the font size of the P25 CAP letterhead, title, device under test, and report identification number. The layout of these elements is the same as on the first page.

Figure 2 P25 CAP Letterhead, Title, Device Under Test, and Report Number



#### **Project 25 Compliance Assessment Program**

**Summary Test Report** 

Wokytoky Portable 25

STR-LMR-123456

Each page of the Summary Test Report includes the current page number and total number of pages (Page # of #).

**Figure 3 Page Count** 

Page 1 of 6

## 2.4 Test Item Description

A description of the item tested appears at the top of the document, just below the P25 CAP logo, letterhead, device name, and report identification number. It includes the name of the manufacturer, manufacturer contact, product name, and installed options.

**Figure 4 Test Item Description** 

Test Item Description <sup>1</sup>	
Manufacturer	LMR Equipment Corporation
Manufacturer Contact	Ima Manufacturer - (303) 555-1212
Product Name	Wokytoky Portable 25
Installed Options	LMR Equipment Corp. Version 4.3

### 2.5 Test Description

Immediately following the description of the device under test will be a table listing the test(s) that were run on the device. The names of the tests listed will follow the guidance in Section XX of [5].

**Figure 5 Test Description** 

Test Description
P25-CAB-TEST-REQ – August 2008, Section 2.1.1.1 – Project 25 Phase 1 Common Air Interface Conventional Subscriber Unit
Performance
P25-CAB-TEST-REQ – August 2008, Section 2.1.1.1 – Project 25 Phase 1 Common Air Interface Conventional Subscriber Unit
Interoperability

## 2.6 Laboratory Information

Laboratory information for the item tested appears following the test description(s). It includes the P25 CAP laboratory code(s) assigned by DHS based on the recognition process, the date of the test (might be a single date, two or more dates, or a date range), and the date the test report was issued. If multiple laboratories were involved in testing the specified product, this table will be reproduced with each laboratory's relevant information.

**Figure 6 Laboratory Information** 

Laboratory Information		
P25 CAP Laboratory Code	P25CAP001	
Date(s) of Test	May 1, 2009 to May 15, 2009	
Date of Issue	May 22, 2009	

#### 2.7 References

The laboratory information section will be followed be a list of references. References list the appropriate P25 CAP Compliance Assessment Bulletins (CABs). Each CAB identifies the P25 CAP tests that encompass conformance test procedures, measurement methods, performance recommendations, and interoperability test procedures. Below is an example of an appropriate informative reference.

**Figure 7 Informative References** 

Informative	Informative References		
Date	Title		
Aug 2008	P25-CAB-TEST_REQ		

<sup>&</sup>lt;sup>1</sup> Note that the Product Name and Installed Options listed in this table must be identical with the identifiers used in the accompanying Supplier's Declaration of Compliance.

#### 2.8 Other Devices Tested

After references, and as applicable, a list of other devices that were also tested will be presented. This section is especially appropriate when performing interoperability tests, as either subscriber units or pieces of infrastructure will be included in the testing. For each device listed, the manufacturer, point of contact, product name and installed options, and its definition<sup>2</sup> will be given.

Devices Tested		
Manufacturer and POC	Product Name and Definition	Installed Options
LMR Equipment Corporation Ima Manufacturer - (303) 555-1212	Wokytoky 25 Portable	Hardware:         wt25pH0002011b           Software:         wt25pS0003045a
AirTalky Joe Vendor - (847) 555-1212	Talkover Portable	1.5 ACMv1, ERCv3
Speak Systems Bob Industry - (202) 555-1212	SS5100 Portable	NA
ClearWaiver Connie Company - (208) 555-1212	CW-5400 Portable	Hardware:         5400ph35           Software:         5400ps398g
AirVine Moe Business - (508) 555-1212	AV100 Portable	Hardware: 100AVPH007a5y Software: 100AVPS028ca1g

**Figure 8 Other Devices Tested** 

## 3 Test Cases and Results Requirements

Following the references, and other devices tested as appropriate, the test cases and results will be presented. If multiple types of tests were run on the device, the tests will be listed in the order that they are presented in this section.

Each test type will report the applicable test cases, their descriptions, the Detailed Test Report identification number<sup>3</sup>, and the results of each test case for the item under test. Annex's A & B provide several comprehensive examples.

To identify those standards which included the necessary test cases:

- 1. Refer to the CAB's that are applicable to the type of equipment under test.
- 2. Use the standards listed in the CAB's to identify the necessary test cases for the tests.

<sup>&</sup>lt;sup>2</sup> In this context, the definition of a product will indicate whether or not it is portable, mobile, base station, repeater, etc.

<sup>&</sup>lt;sup>3</sup> The Detailed Test Report identification number format is DTR-<P25 CAP laboratory code>-<P25 CAP laboratory document identification #>

#### 3.1 Subscriber Units

#### 3.1.1 Performance

#### 3.1.1.1 Conventional Mode Operation

Figure 9 provides an abbreviated example for presenting test cases and results for subscriber unit conventional performance tests.

Figure 9 SU Conventional Performance Test Cases and Results Example

P25-CAB-TES	T_REQ - August 2008, Section 2.1.1.1 -		
Project 25 Phase 1 Common Air Interface		DTR-P25CAP001-55	5123
Conventional Subscriber Unit Performance			
	RECEIVER 1	rests	
Test Case	Description	Requirement	Results
2.1.4	Reference Sensitivity	≤ -116 dBm (Class A)	Р
2.1.5	Faded Reference Sensitivity	≤ -108 dBm (Class A)	Р
P25-CAB-TES	T_REQ – August 2008, Section 2.1.1.1 –		1
Project 25 Phase 1 Common Air Interface		DTR-P25CAP002-34333	
Conventiona	Subscriber Unit Performance		
	TRANSMITTE	R TESTS	
Test Case	Description	Requirement	Results
	Transmitter Power and Encoder		
2.2.12	Attack Time		
2.2.12	Transmitter Attack Time	≤ 50 ms (Class A)	Р
	Encoder Attack Time	≤ 100 ms (Class A)	Р
2.2.14	Transmitter Throughput Delay	≤ 125 ms (Class A)	Р

#### 3.1.1.2 Trunked Mode Operation

Presentations of subscriber unit trunked mode performance tests are identical to subscriber unit conventional mode performance tests. In the case where both conventional and trunked modes of operations are tested on the device, conventional mode test cases and results will precede trunked mode test cases and results.

#### 3.1.2 Conformance

#### 3.1.2.1 Basic Conventional Mode Operation

No tests defined or required at this time.

#### 3.1.2.2 Advanced Conventional Mode Operation

No tests defined or required at this time.

#### 3.1.2.3 Basic Trunked Mode Operation

No tests defined or required at this time.

#### 3.1.2.4 Advanced Trunked Mode Operation

No tests defined or required at this time.

#### 3.1.3 Interoperability

#### 3.1.3.1 Conventional Mode Operation

No tests defined or required at this time.

#### 3.1.3.2 Trunked Mode Operation

Figure 10 provides an abbreviated example for presenting test cases and results for subscriber unit trunked interoperability tests.

P25-CAB-TEST\_REQ - August 2008, Section DTR-P25CAP001-P25CAP002 P25CAP001-P25CAP002 P25CAP001 2.1.3.2 - Project 25 Phase 1 Common Air 55123 DTR-34333 DTR-34333 55123 5513 **Interface Trunked Subscriber Unit** Interoperability Wokytoky Skynet CW-5400 **AV100** AT100 Wokytoky 25 Portable **Test Case** Description Result 2.2.1 Full Registration 2.2.1.4.1 Test Case 1 - Valid Registration Р Р Р Р Р 2.2.1.4.2 Test Case 2 – Denied or Refused Registration

Figure 10 SU Trunked Interoperability Test Cases and Results Example

## 3.2 Base Stations/Repeaters

#### 3.2.1 Performance

Presentations of base station/repeater performance tests are identical to subscriber unit performance tests. In the case where both conventional and trunked modes of operations are tested on the device, conventional mode test cases and results will precede trunked mode test cases and results.

#### 3.2.2 Conformance

#### 3.2.2.1 Basic Conventional Mode Operation

No tests defined or required at this time.

#### 3.2.2.2 Advanced Conventional Mode Operation

No tests defined or required at this time.

#### 3.2.2.3 Basic Trunked Mode Operation

No tests defined or required at this time.

#### 3.2.2.4 Advanced Trunked Mode Operation

No tests defined or required at this time.

#### 3.2.3 Interoperability

#### 3.2.3.1 Conventional Mode Operation

No tests defined or required at this time.

#### 3.2.3.2 Trunked Mode Operation

Presentations of base station/repeater trunked mode interoperability tests are identical to subscriber unit trunked mode interoperability tests.

#### 3.3 Results Definitions and Comments

Following the presentation of the test cases with results, list the result definitions used in the report. The following are examples.

**Figure 11 Test Case Result Definitions** 

Test Case Result Definitions		
No Test Performed		
Test Does Not Apply to the Test	N/A	
Object	N/A	
Test Object Meets Requirements	P (Pass)	
Test Object Does Not Meet	F (Fail)	
Requirements	r (raii)	
Test Object is Not Conclusive	I (Inconclusive)	

Finally, provide notated comments to elaborate on test case results where necessary. The following are convention examples based on the examples listed in Figure 11.

**Figure 12 Test Case Result Comments** 

Comments		
N1: Add information for a "Note" here.		
N2: Add information for a second "Note" note here		
N/A1: Add note here for a "Not Applicable" test.		
N/A2: Add note here for a second "Not Applicable" test.		
P1: Add note here for a "Pass" verdict that requires elaboration		
P2: Add note here for a second "Pass" verdict that requires elaboration		
11: Add note here for an "Inconclusive" verdict that requires elaboration		
F1: Add note here for a "Fail" verdict that requires elaboration		

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## **Annex A - Performance Summary Test Report Example**



**Project 25 Compliance Assessment Program** 

# **Summary Test Report**

# Wokytoky 25 Portable

## STR-LMR-123456

Test Item Description	
Manufacturer	LMR Equipment Corporation
Manufacturer Contact	Ima Manufacturer - (303) 555-1212
Product Name	Wokytoky 25 Portable
Installed Options	LMR Equipment Corp. Version 4.3

# Test Description P25-CAB-TEST-REQ – August 2008, Section 2.1.1.1 – Project 25 Phase 1 Common Air Interface Conventional Subscriber Unit Performance

Test Information	
P25 CAP Laboratory Code	P25CAP001
Date(s) of Test	May 1, 2009 to May 15, 2009
Date of Issue	May 22, 2009

Informative References		
Date	Title	
Aug 2008	P25-CAB-TEST_REQ	



## Summary Test Report

Wokytoky Portable 25

P25-CAB-TE	ST_REQ – August 2008, Section 2.1.1.1 –						
Project 25 I	Phase 1 Common Air Interface	DTR-P25CAP001-55123					
Conventional Subscriber Unit Performance							
	RECEIVER	TESTS					
Test Case	Description	Requirement	Results				
2.1.4	Reference Sensitivity	≤ -116 dBm (Class A)	Р				
2.1.5	Faded Reference Sensitivity	≤ -108 dBm (Class A)	Р				
2.1.6	Signal Delay Spread Capability	≥ 50 µs (Class A)	Р				
2.1.7	Adjacent Channel Rejection	≥ 60 dB (Class A)	P1				
2.1.8	Co-Channel Rejection	≤ 9 dB (Class A)	Р				
2.1.9	Spurious Response Rejection	≥ 70 dB (Class A)	Р				
2.1.10	Intermodulation Rejection	≥ 70 dB (Class A)	Р				
2.1.11	Signal Displacement Bandwidth	≥ 1000 Hz (Class A)	Р				
	Late Entry Unsquelch Delay						
	No Talk Group or Encryption	≤ <b>125</b> ms (Class A)	Р				
2.1.17	Talk Group Only	≤ 370 ms (Class A)	Р				
	Encryption Only	≤ 370 ms (Class A)	Р				
	Both (on clear of encrypted channel)	≤ 460 ms (Class A)	Р				
2.1.18	Receiver Throughput Delay	≤ 125 ms (Class A)	Р				



## Summary Test Report

Wokytoky Portable 25

P25-CAB-TE	ST_REQ - August 2008, Section 2.1.1.1 -						
Project 25 Phase 1 Common Air Interface Conventional Subscriber Unit Performance		DTR-P25CAP001-55123					
TRANSMITTER TESTS							
Test Case							
	Transmitter Power and Encoder Attack						
2.2.12	Time						
2.2.12	Transmitter Attack Time	≤ 50 ms (Class A)	Р				
	Encoder Attack Time	≤ 100 ms (Class A)	Р				
2.2.14	Transmitter Throughput Delay	≤ 125 ms (Class A)	Р				
	Frequency Deviation for C4FM	≤ 125 ms (Class A)	Р				
2.2.15	High Level Signal Deviation	2544 ≤ f <sub>dev</sub> ≤ 3111 Hz (Class A)	Р				
	Low Level Signal Deviation	848 ≤ f <sub>dev</sub> ≤ 1037 Hz (Class A)	Р				
2.2.16	Modulation Fidelity	≤ 5% (Class A)	Р				
	Transient Frequency Behavior						
2.2.18	Time Interval $t_1 = 5 \text{ ms}$	Δf  ≤ 12.5 kHz	Р				
2.2.10	Time Interval $t_2 = 20 \text{ ms}$	Δf  ≤ 6.25 kHz	Р				
	Time Interval $t_3 = 5 \text{ ms}$	Δf  ≤ 12.5 kHz	Р				



## Summary Test Report

Wokytoky Portable 25

Test Case Result Definitions				
No Test Performed				
Test Does Not Apply to the Test	N/A			
Object	N/A			
Test Object Meets Requirements	P (Pass)			
Test Object Does Not Meet	[ (Fe:1)			
Requirements	F (Fail)			
Test Object is Not Conclusive	I (Inconclusive)			

Comments
N1: Add information for a "Note" here.
N2: Add information for a second "Note" note here
N/A1: Add note here for a "Not Applicable" test.
N/A2: Add note here for a second "Not Applicable" test.
P1: This is a Class B subscriber unit, not Class A. Its 2.1.7 Adjacent Channel Rejection measurement of 50 dB
exceeds the Class B requirement.
P2: Add note here for a second "Pass" verdict that requires elaboration
I1: Add note here for an "Inconclusive" verdict that requires elaboration
F1: Add note here for a "Fail" verdict that requires elaboration

## **Annex B - Interoperability Summary Test Report Example**



## **Project 25 Compliance Assessment Program**

## **Summary Test Report**

# Skynet Trunked Radio System

## STR-LMR-123456

Test Item Description				
Manufacturer	LMR Equipment Corporation			
Manufacturer Contact	Ima Manufacturer - (303) 555-1212			
Product Name	Skynet Trunked Radio System			
Installed Options	LMR Equipment Corp. Version 4.3			

#### **Test Description**

P25-CAB-TEST\_REQ – August 2008, Section 2.1.3.2 – Project 25 Phase 1 Common Air Interface Trunked Subscriber Unit Interoperability

Test Information	
P25 CAP Laboratory Code	P25CAP001
Date(s) of Test	May 1, 2009 to May 15, 2009
Date of Issue	May 22, 2009

Test Information	
P25 CAP Laboratory Code	P25CAP002
Date(s) of Test	May 5, 2009 to May 10, 2009
Date of Issue	May 22, 2009

Informative References		
Date	Title	
Aug 2008	P25-CAB-TEST_REQ	



## Summary Test Report

Skynet Trunked Radio System

Subscriber Units Tested						
Manufacturer and POC	Product Name and Definition	Installed Options				
LMR Equipment Corporation	Wokytoky 25 Portable	Hardware:	wt25pH0002011b			
Ima Manufacturer - (303) 555-1212	Workytoky 25 Fortable	Software:	wt25pS0003045a			
AirTalky	AT100 Portable	Hardware:	ATh100300346			
Joe Vendor - (847) 555-1212	AT 100 Portable	Software:	ATs100900088			
Speak Systems	SS5100 Portable	Hardware:	pss5100h00437			
Bob Industry - (202) 555-1212	333100 Portable	Software:	pss5100s00897			
ClearWaiver	CW-5400 Portable	Hardware:	5400ph35			
Connie Company - (208) 555-1212	CW-3400 FOILable	Software:	5400ps398g			
AirVine	AV100 Portable	Hardware:	100AVPH007a5y			
Moe Business - (508) 555-1212	AV 100 POLIABIE	Software:	100AVPS028ca1g			



## Summary Test Report

Skynet Trunked Radio System

P25-CAB-TEST_REQ – August 2008, Section 2.1.3.2 – Project 25 Phase 1 Common Air Interface Trunked Subscriber Unit Interoperability		DTR- P25CAP001- 55123	DTR- P25CAP002- 34333	DTR- P25CAP002- 34333	DTR- P25CAP001- 55123	DTR- P25CAP001- 55123			
*	ked Radio System Bent Corp. Version 4.3	Wokytoky 25	AT100	SS5100	CW-5400	AV100			
Test Case Description						Result	ı	ı	
2.2.1	Full Registration	•							
2.2.1.4.1	Test Case 1 - Valid Registration	Р	Р	Р	Р	Р			
2.2.1.4.2	Test Case 2 – Denied or Refused Registration	Р	Р	Р	Р	N/A1			
2.2.1.4.3	Test Case 3 - Unverified Registration	Р	Р	Р	Р	N/A2			
2.2.2	Group Voice Call								
2.2.2.4.1	Test Case 1 – Group Call Granted	Р	Р	Р	Р	Р			
2.2.2.4.2	Test Case 2 – Group Call Denied	Р	Р	Р	Р	Р			
2.2.2.4.3	Test Case 3 – Group Call Request Queued	Р	Р	Р	Р	Р			



## Summary Test Report

Skynet Trunked Radio System

P25-CAB-TEST_REQ – August 2008, Section 2.1.3.2 – Project 25 Phase 1 Common Air Interface Trunked Subscriber Unit Interoperability		DTR- P25CAP001- 55123	DTR- P25CAP002- 34333	DTR- P25CAP002- 34333	DTR- P25CAP001- 55123	DTR- P25CAP001- 55123				
LMR Equipment Corp. Version 4.3		Wokytoky 25	AT100	SS5100	CW-5400	AV100				
Test Case	Description	Result								
2.2.3	Unit-To-Unit Voice Call									
2.2.3.4.1	Test Case 1 – Unit-To-Unit Call With Target Availability Check	Р	Р	Р	Р	Р				
2.2.3.4.2	Test Case 2 – Unit-To-Unit Call Target Availability Check Denied By Target	Р	Р	Р	Р	Р				
2.2.3.4.3	Test Case 3 – Unit-To-Unit Call Queued With Target Availability Check	Р	Р	Р	Р	Р				
2.2.3.4.4	Test Case 4 – Unit-To-Unit Call Without Target Availability Check	Р	Р	Р	Р	Р				
2.2.3.4.5	Test Case 5 – Unit-To-Unit Call Queued Without Target Availability Check	Р	Р	Р	Р	Р				
2.2.3.4.6	Test Case 6 – Unit-To-Unit Call Denied	Р	Р	Р	Р	Р				
2.2.4	Broadcast Voice Call								ı	
2.2.4.4.1	Test Case 1 – Broadcast Voice Call	Р	Р	Р	Р	Р				



## Summary Test Report

Skynet Trunked Radio System

P25-CAB-TEST_REQ – August 2008, Section 2.1.3.2 – Project 25 Phase 1 Common Air Interface Trunked Subscriber Unit Interoperability		DTR- P25CAP001- 55123	DTR- P25CAP002- 34333	DTR- P25CAP002- 34333	DTR- P25CAP001- 55123	DTR- P25CAP001- 55123				
LMR Equipment Corp. Version 4.3		Wokytoky 25	AT100	SS5100	CW-5400	AV100				
Test Case	Description	Result								
2.2.5	Affiliation	•								
2.2.5.4.1	Test Case 1 - Radio Permitted To Affiliate With New Group	Р	Р	Р	Р	Р				
2.2.5.4.2	Test Case 2 - Radio Denied Affiliation To New Group	Р	Р	Р	Р	Р				
2.2.6	Announcement Group Call				•					
2.2.6.4.1	Test Case 1 - Collection Of Talk Groups Receive Call	Р	Р	Р	Р	Р				
2.2.7	Emergency Alarm									
2.2.7.4.1	Test Case 1 - Emergency Alarm	Р	Р	Р	Р	Р				



## Summary Test Report

Skynet Trunked Radio System

P25-CAB-TEST_REQ – August 2008, Section 2.1.3.2 – Project 25 Phase 1 Common Air Interface Trunked Subscriber Unit Interoperability		DTR- P25CAP001- 55123	DTR- P25CAP002- 34333	DTR- P25CAP002- 34333	DTR- P25CAP001- 55123	DTR- P25CAP001- 55123				
LMR Equipme	ent Corp. Version 4.3	Wokytoky 25	AT100	SS5100	CW-5400	AV100				
2.2.8	Emergency Group Call									
2.2.8.4.1	Emergency Call	Р	Р	Р	Р	Р				
2.2.10	Encryption									
2.2.10.4.1	Test Case 1 - Call Privacy For Encrypted Call	Р	Р	Р	Р	Р				
2.2.11	Intra-Location Registration Area Roaming									
2.2.11.4.1	Test Case 1 – Idle Radio	Р	Р	Р	Р	Р				



## Summary Test Report

Skynet Trunked Radio System

Test Case Result Definitions						
No Test Performed						
Test Does Not Apply to the Test Object	N/A					
Test Object Meets Requirements	P (Pass)					
Test Object Does Not Meet	F (Fail)					
Requirements	i (i aii)					
Test Object is Not Conclusive	I (Inconclusive)					

Comments
N1: Add note here
N2: Add note here
N/A1: Infrastructure does not support this mode of operation.
N/A2: Infrastructure does not support this mode of operation.
P1: Add note here for a "Pass" verdict that requires elaboration
2: Add note here for a second "Pass" verdict that requires elaboration
1: Add note here for an "Inconclusive" verdict that requires elaboration
1: Add note here for a "Fail" verdict that requires elaboration

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